

magnetic component of said electromagnetic fields between 60 Hertz and 100 Kilohertz, comprising:

a generally rectangular fluorescent lamp ballast enclosing said electrical and electronic components, said fluorescent lamp ballast case having holes in said fluorescent lamp ballast case to insert external connecting wiring;

said fluorescent lamp ballast being made of a shielding material absorbing the magnetic component of the electromagnetic fields;

said magnetic shielding material being a metal alloy;
and,

said magnetic shielding material providing attenuation of magnetic field interference up to 100 Kilohertz.

2. (Amended) A magnetically shielded fluorescent ballast case for shielding humans from the harmful effects of magnetic fields emitted from a fluorescent lamp ballast, by reducing the electromagnetic fields emitted from the electrical and electronic components within said fluorescent lamp ballast, particularly the magnetic component of said electromagnetic fields between 60 Hertz and 100 Kilohertz, comprising:

a generally rectangular fluorescent lamp ballast enclosing said electrical and electronic components[.], said fluorescent lamp ballast having holes in said fluorescent lamp ballast case to insert external connecting wiring;

said fluorescent lamp ballast case being made of steel or aluminum, and lined with a magnetic shielding material,

said magnetic shielding material being a metal foil alloy,

said metal foil alloy being attached with adhesive to said ballast case; and

said magnetic shielding material providing attenuation of magnetic field interference up to 100 Kiloherzt.